

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E82636

Employer : Swedish Medical Center

Worksite : Cherry Hill Campus

Street : 500 17th Ave

Jurisdiction : City of Seattle

Survey Date : 11/11/2013

Survey Type : Online

Response Rate : 80%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 56.6%

Reported Total Employees at Worksite: 1,120

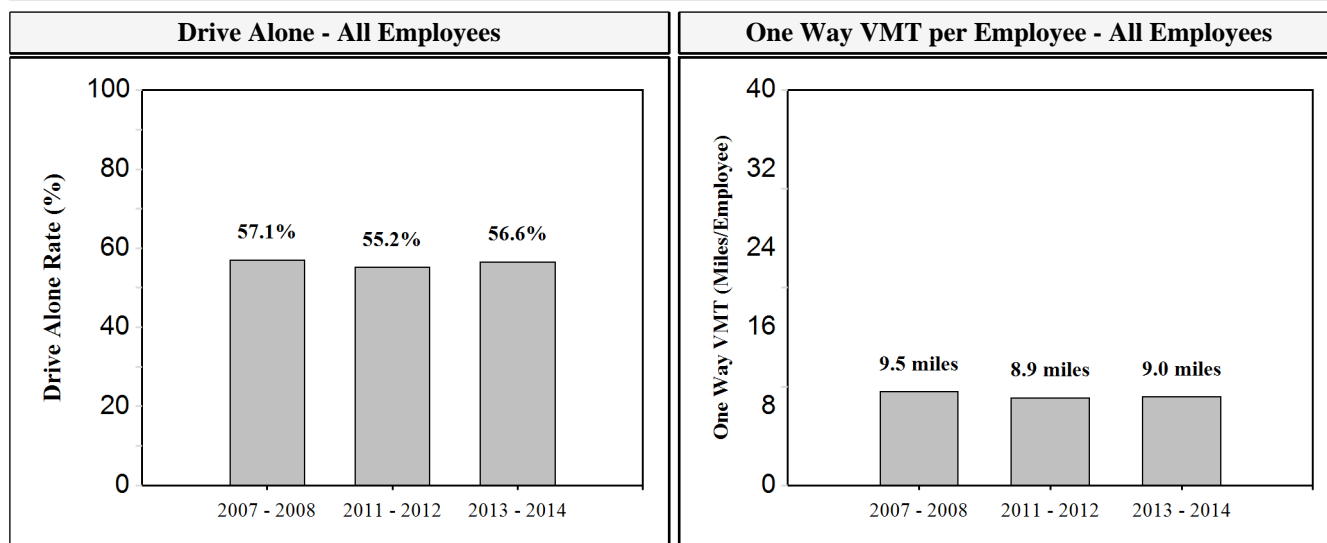
Surveys Distributed : 736

One-Way VMT per employee : 9.0

Surveys Returned : 591

Surveys Returned by CTR Affected Employees : 487

Total Estimated CTR - Affected Employees at Worksite : 606



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	57.1%	57.0%	9.5	9.3
2009 - 2010	55.1%	50.1%	9.1	8.4
2011 - 2012	55.2%	54.0%	8.9	8.8
2013 - 2014	56.6%	56.1%	9.0	8.8
2015 - 2016	N/A	N/A	N/A	N/A
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	-0.9%	-1.6%	-5.3%	-5.4%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2011 - 2012	2013 - 2014
Drive Alone - All Employees*	57.1%	55.2%	56.6%
Drive Alone - CTR Affected Employees*	57.0%	54.0%	56.1%
VMT/Employee - All Employees	9.5	8.9	9.0
VMT/Employee - CTR Affected Employees	9.3	8.8	8.8

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2011 - 2012	2013 - 2014
Emissions for Surveyed Employees	1,019	1,549	1,100
Estimated Emissions for Total Employment	3,748	2,660	2,085

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2011 - 2012	2013 - 2014
Bus Annual Passenger Miles - Estimated for Total Employment	2,473,753	2,011,126	1,560,988
Bus Annual Passenger Miles - Surveyed Employees	672,300	1,171,300	823,700
Ferry Annual Passenger Miles - Estimated for Total Employment	0	249,309	361,394
Ferry Annual Passenger Miles - Surveyed Employees	0	145,200	190,700
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	359,859	349,239	310,985
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	97,800	203,400	164,100

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

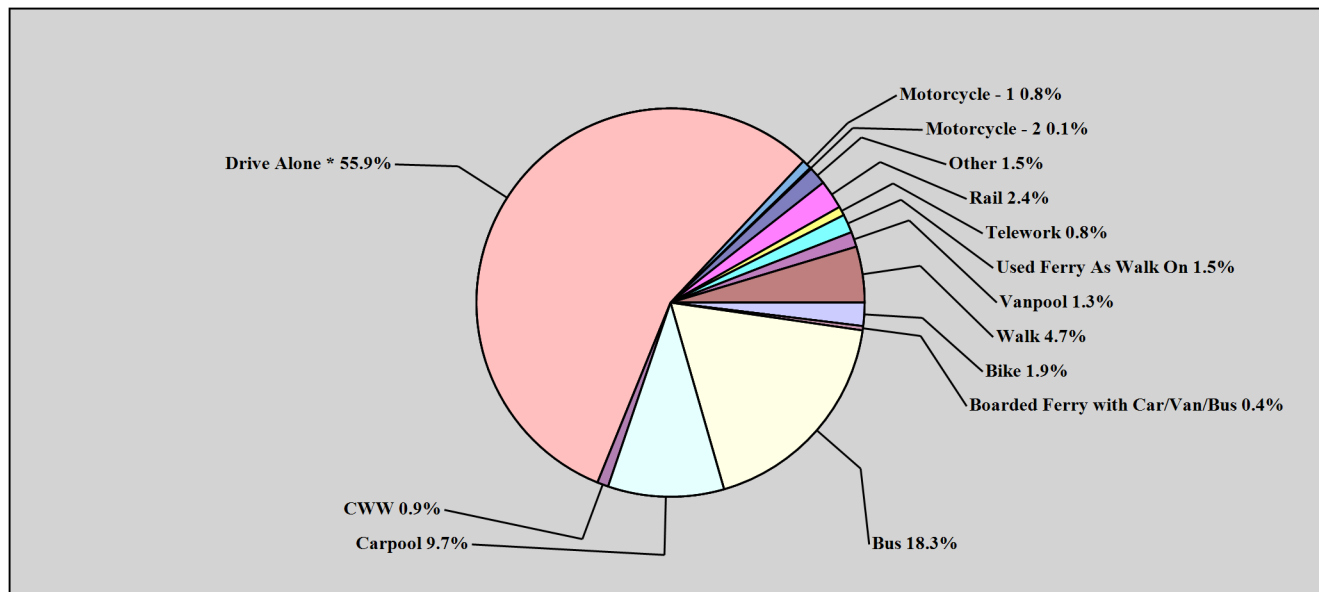
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 15.7 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



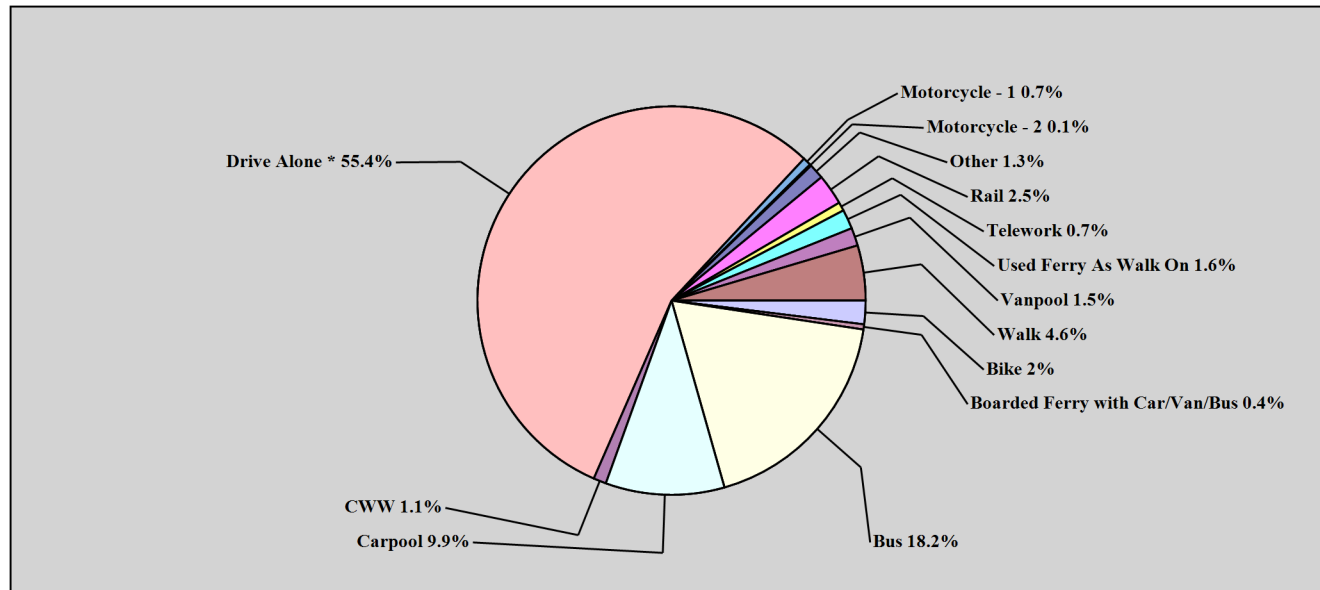
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,560	55.9%	53.9%	384	65.0%	64.3%
Carpool	270	9.7%	11.5%	86	14.6%	15.3%
Vanpool	35	1.3%	1.1%	10	1.7%	1.3%
Motorcycle - 1	22	0.8%	1.2%	7	1.2%	1.7%
Motorcycle - 2	3	0.1%	0.0%	2	0.3%	0.0%
Bus	510	18.3%	20.0%	126	21.3%	22.7%
Rail	67	2.4%	1.6%	15	2.5%	2.0%
Bike	54	1.9%	2.0%	15	2.5%	2.9%
Walk	130	4.7%	5.1%	33	5.6%	5.5%
Telework	21	0.8%	0.7%	9	1.5%	1.2%
CWW	26	0.9%	0.4%	10	1.7%	1.2%
Boarded Ferry with Car/Van/Bus	10	0.4%	0.6%	4	0.7%	0.8%
Used Ferry As Walk On	43	1.5%	1.0%	10	1.7%	1.1%
Other	42	1.5%	1.0%	17	2.9%	1.7%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,304	55.4%	52.9%	316	64.9%	63.3%
Carpool	233	9.9%	11.9%	75	15.4%	16.1%
Vanpool	35	1.5%	1.1%	10	2.1%	1.2%
Motorcycle - 1	16	0.7%	1.1%	4	0.8%	1.5%
Motorcycle - 2	3	0.1%	0.0%	2	0.4%	0.0%
Bus	429	18.2%	20.4%	106	21.8%	23.5%
Rail	60	2.5%	1.8%	13	2.7%	2.3%
Bike	46	2.0%	2.1%	12	2.5%	2.9%
Walk	108	4.6%	5.1%	27	5.5%	5.4%
Telework	17	0.7%	0.7%	8	1.6%	1.2%
CWW	25	1.1%	0.4%	9	1.8%	1.2%
Boarded Ferry with Car/Van/Bus	10	0.4%	0.6%	4	0.8%	0.8%
Used Ferry As Walk On	38	1.6%	1.1%	9	1.8%	1.1%
Other	30	1.3%	0.9%	13	2.7%	1.6%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	297	50%	591	100%
1 Days	21	4%	294	50%
2 Days	34	6%	273	46%
3 Days	30	5%	239	40%
4 Days	59	10%	209	35%
5 Days	120	20%	150	25%
6 or More Days	30	5%	30	5%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	132	38.5%	35	10.2%	73	21.3%	32	9.3%	11	3.2%	6	1.7%	20	5.8%	3	0.9%	157	45.8%
4 days a week (4/10s)	9	14.8%	20	32.8%	8	13.1%	7	11.5%	2	3.3%	0	0%	2	3.3%	2	3.3%	24	39.3%
3 days a week	10	9.2%	46	42.2%	7	6.4%	8	7.3%	2	1.8%	1	0.9%	12	11%	1	0.9%	37	33.9%
9 days in 2 weeks (9/80)	2	16.7%	1	8.3%	3	25%	2	16.7%	0	0%	0	0%	1	8.3%	0	0%	5	41.7%
7 days in 2 weeks	3	37.5%	1	12.5%	0	0%	1	12.5%	0	0%	0	0%	1	12.5%	0	0%	2	25%
Other	4	8%	17	34%	6	12%	1	2%	0	0%	0	0%	1	2%	1	2%	11	22%

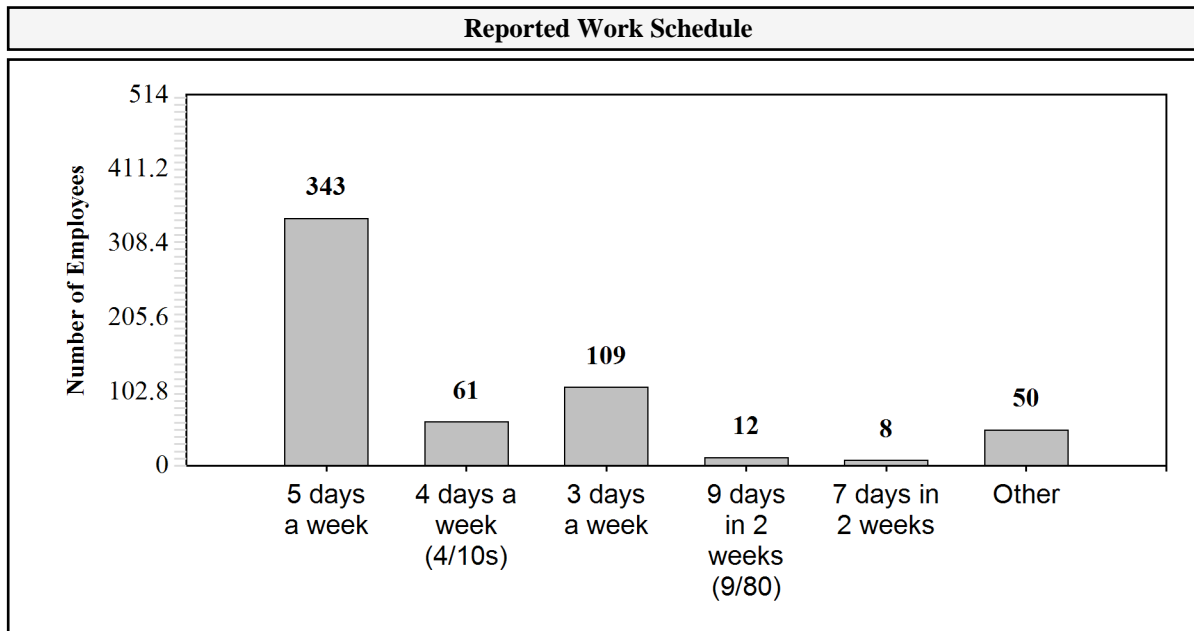
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	22
2	Motorcycle	3
2	Carpool	256
3	Carpool	12
4	Carpool	0
5	Carpool	0
>5	Carpool	2
<5	Vanpool	8
5	Vanpool	0
6	Vanpool	9
7	Vanpool	0
8	Vanpool	14
9	Vanpool	4
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

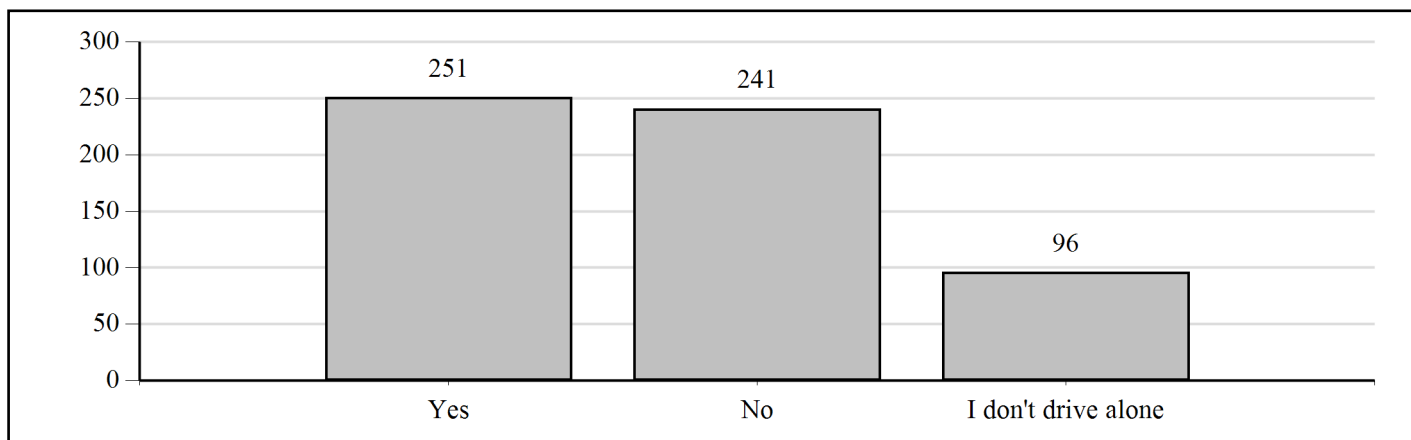
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	343	58.8%
4 days a week (4/10s)	61	10.5%
3 days a week	109	18.7%
9 days in 2 weeks (9/80)	12	2.1%
7 days in 2 weeks	8	1.4%
Other	50	8.6%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	8	1.4%
I don't telework	536	90.7%
Occasionally, on an as-needed basis	26	4.4%
1-2 days/month	9	1.5%
1 day/week	8	1.4%
2 days/week	1	0.2%
3 days/week	3	0.5%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	199	18.5%
Cost of parking or lack of parking	197	18.3%
Free or subsidized bus, train, vanpool pass or fare benefit	181	16.8%
Other	107	9.9%
Environmental and community benefits	94	8.7%
Personal health or well-being	86	8.0%
Financial incentives for carpooling, bicycling or walking.	68	6.3%
To save time using the HOV lane	55	5.1%
Driving myself is not an option	41	3.8%
Emergency ride home is provided	16	1.5%
I have the option of teleworking	14	1.3%
Preferred/reserved carpool/vanpool parking is provided	12	1.1%
I receive a financial incentive for giving up my parking space	8	0.7%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	337	28.3%
I like the convenience of having my car	244	20.5%
Other	187	15.7%
Family care or similar obligations	181	15.2%
My job requires me to use my car for work	82	6.9%
Bicycling or walking isn't safe	67	5.6%
I need more information on alternative modes	40	3.4%
My commute distance is too short	39	3.3%
There isn't any secure or covered bicycle parking	12	1.0%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	5	1	0	14	1	0	3	0	4	8
2	2	0	0	30	0	0	5	0	3	4
3	3	0	0	15	1	0	2	0	2	3
4	3	0	0	17	0	0	5	0	1	0
5	1	0	1	25	1	1	7	0	3	3
6	2	0	0	8	0	0	2	0	0	0
7	0	0	0	3	0	0	0	0	1	0
8	3	0	0	18	0	0	4	0	0	0
9	0	0	0	1	0	0	1	0	0	0
10	3	0	0	25	3	1	6	0	1	0
11 or more	1	0	0	10	0	1	0	0	2	0
# Of Employees using Transit	23	1	1	166	6	3	35	0	17	18
Total One-Way Transit Trips Per Week	131	1	5	939	39	33	187	0	75	40

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	4	1	0	12	1	0	2	0	4	7
2	1	0	0	25	0	0	5	0	3	3
3	3	0	0	13	1	0	1	0	2	1
4	3	0	0	10	0	0	5	0	1	0
5	1	0	1	22	0	1	6	0	3	2
6	2	0	0	5	0	0	2	0	0	0
7	0	0	0	3	0	0	0	0	0	0
8	3	0	0	15	0	0	3	0	0	0
9	0	0	0	1	0	0	1	0	0	0
10	3	0	0	23	3	0	6	0	0	0
11 or more	0	0	0	8	0	1	0	0	2	0
# Of Employees using Transit	20	1	1	137	5	2	31	0	15	13
Total One-Way Transit Trips Per Week	98	1	5	782	34	23	170	0	58	26

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	1	0.17%	7	0	0	0	0	0	0	0	0	0	0	0	0
90859	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98001	5	0.85%	7	7	0	0	7	3	0	0	0	0	0	0	0
98002	3	0.51%	5	4	0	0	0	5	0	0	0	0	0	0	0
98003	9	1.52%	22	5	0	0	15	0	0	0	0	0	0	0	0
98004	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98005	2	0.34%	4	0	0	0	5	0	0	0	0	0	0	0	0
98006	9	1.52%	32	2	0	0	10	0	0	0	0	0	0	0	0
98007	2	0.34%	7	2	0	0	0	0	0	0	0	0	0	0	0
98008	3	0.51%	20	0	0	0	0	0	0	0	0	0	0	0	0
98011	1	0.17%	1	0	0	0	0	0	0	0	0	0	0	0	0
98012	9	1.52%	19	6	0	5	5	0	0	0	0	0	0	0	0
98014	1	0.17%	3	0	0	0	0	0	0	0	0	0	0	0	0
98019	2	0.34%	10	0	0	0	0	0	0	0	0	0	0	0	0
98020	4	0.68%	9	1	0	0	8	4	0	0	0	0	0	0	0
98021	4	0.68%	12	0	0	0	5	0	0	0	0	0	0	0	0
98023	3	0.51%	10	0	0	0	5	0	0	0	0	0	0	0	0
98024	2	0.34%	7	0	0	0	0	0	0	0	0	0	0	0	0
98026	8	1.35%	10	9	0	4	17	0	0	0	0	0	0	0	0
98027	8	1.35%	29	8	0	0	4	0	0	0	0	0	0	0	0
98028	4	0.68%	11	4	0	0	1	0	0	0	0	0	0	0	3
98029	5	0.85%	12	0	0	0	7	0	0	0	0	0	0	0	0
98030	5	0.85%	9	5	0	1	6	4	0	0	0	0	0	0	0
98031	12	2.03%	35	5	6	0	8	5	0	0	0	8	0	0	0
98032	8	1.35%	18	1	0	0	21	0	0	0	0	0	0	0	0
98033	5	0.85%	23	0	0	0	1	0	0	0	1	0	0	0	0



98034	3	0.51%	10	2	0	0	0	0	0	0	0	0	0	0	0
98036	10	1.69%	32	1	5	0	14	0	0	0	0	0	0	0	0
98037	4	0.68%	11	0	0	0	8	0	0	0	0	0	0	0	0
98038	3	0.51%	7	4	0	0	0	0	0	0	1	0	0	0	0
98040	8	1.35%	29	3	1	0	5	0	0	0	0	0	0	0	0
98042	1	0.17%	0	0	0	0	0	4	0	0	0	0	0	0	0
98043	3	0.51%	8	5	0	0	0	0	0	0	0	0	0	0	0
98045	2	0.34%	0	10	0	0	0	0	0	0	0	0	0	0	0
98047	1	0.17%	0	0	0	0	0	0	0	0	0	0	0	0	0
98052	3	0.51%	7	5	0	0	5	0	0	0	0	0	0	0	0
98053	2	0.34%	12	0	0	0	0	0	0	0	0	0	0	0	0
98055	8	1.35%	22	0	0	0	13	0	5	0	0	0	0	0	0
98056	7	1.18%	18	3	0	0	5	0	0	0	6	0	0	0	0
98057	2	0.34%	8	0	0	0	0	0	0	0	0	0	0	0	0
98058	11	1.86%	44	2	0	0	0	0	0	0	0	4	0	0	0
98059	6	1.02%	24	1	0	0	1	0	0	0	0	0	0	0	0
98070	2	0.34%	0	0	0	0	0	0	0	0	0	0	2	7	1
98074	5	0.85%	9	5	0	0	10	0	0	0	0	0	0	0	0
98075	1	0.17%	1	3	0	0	0	0	0	0	0	0	0	0	0
98077	2	0.34%	10	0	0	0	0	0	0	0	0	0	0	0	0
98087	3	0.51%	9	0	3	0	0	0	0	0	1	0	0	0	0
98092	4	0.68%	5	4	2	0	0	10	0	0	0	0	0	0	0
98101	4	0.68%	8	0	0	0	3	0	7	0	0	0	0	0	0
98102	9	1.52%	22	0	0	0	10	0	0	10	0	0	0	0	0
98103	14	2.37%	33	0	0	3	22	0	5	0	0	0	0	0	2
98104	7	1.18%	6	0	0	0	3	0	0	24	0	0	0	0	4
98105	5	0.85%	17	1	0	0	0	0	0	0	0	4	0	0	0
98106	13	2.20%	46	2	0	4	9	0	0	0	1	0	0	0	0
98107	13	2.20%	34	7	0	0	15	0	4	0	0	5	0	0	0
98108	11	1.86%	42	0	0	0	10	0	0	0	0	0	0	0	0
98109	6	1.02%	10	5	0	0	8	0	8	0	0	0	0	0	0
98110	4	0.68%	0	0	0	0	0	0	0	0	0	0	2	10	4
98112	11	1.86%	26	0	0	0	7	0	4	9	0	0	0	0	0
98115	11	1.86%	35	3	0	2	9	0	5	0	0	0	0	0	0
98116	7	1.18%	18	8	0	0	1	5	0	0	0	0	0	0	0
98117	18	3.05%	66	7	0	0	10	0	2	0	0	0	0	0	0
98118	19	3.21%	56	11	0	2	16	0	1	0	0	1	0	0	0



98119	7	1.18%	18	8	0	0	9	0	0	0	0	0	0	0	0
98121	3	0.51%	14	2	0	0	0	0	0	0	0	0	0	0	0
98122	26	4.40%	35	11	0	0	3	0	0	64	0	0	0	0	4
98125	11	1.86%	35	1	0	0	16	0	0	0	0	0	0	0	1
98126	14	2.37%	30	5	0	0	28	0	0	0	0	1	0	0	0
98133	17	2.88%	48	5	4	0	20	0	0	0	0	0	0	0	0
98136	5	0.85%	11	3	0	0	2	0	0	0	0	0	0	0	1
98144	24	4.06%	42	8	0	4	10	5	4	19	0	0	0	0	6
98146	6	1.02%	14	7	0	0	7	0	0	0	0	0	0	0	3
98148	2	0.34%	7	0	0	0	1	0	0	0	0	0	0	0	0
98155	13	2.20%	39	8	9	0	10	0	0	0	0	1	0	0	0
98166	2	0.34%	2	0	0	0	5	0	0	0	0	0	0	0	0
98168	13	2.20%	41	8	0	0	9	3	0	0	0	0	0	0	0
98177	7	1.18%	16	9	4	0	5	0	0	0	0	0	0	0	0
98178	8	1.35%	18	10	0	0	11	0	0	0	0	0	0	0	0
98188	6	1.02%	10	9	1	0	3	0	0	4	0	1	0	0	5
98198	5	0.85%	28	0	0	0	0	0	0	0	0	1	0	0	0
98199	13	2.20%	55	0	0	0	6	0	4	0	1	0	0	0	1
98201	2	0.34%	5	0	0	0	5	0	0	0	0	0	0	0	0
98203	3	0.51%	9	6	0	0	0	0	0	0	0	0	0	0	0
98204	4	0.68%	11	5	0	0	4	0	0	0	0	0	0	0	0
98208	2	0.34%	7	0	0	0	0	0	0	0	0	0	0	0	0
98258	4	0.68%	7	5	0	0	5	0	0	0	0	0	0	0	1
98270	1	0.17%	0	0	0	0	5	0	0	0	0	0	0	0	0
98272	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98275	1	0.17%	3	0	0	0	0	0	0	0	0	0	0	0	0
98277	1	0.17%	0	0	0	0	0	0	0	0	4	0	0	0	0
98282	1	0.17%	0	0	0	0	0	0	0	0	5	0	0	0	0
98290	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98296	6	1.02%	10	5	0	0	5	0	5	0	1	0	0	0	2
98310	1	0.17%	0	0	0	0	0	0	0	0	0	0	0	5	0
98311	2	0.34%	0	0	0	0	0	0	0	0	0	0	0	12	0
98360	1	0.17%	0	1	0	0	0	0	0	0	0	0	0	0	4
98366	2	0.34%	0	0	0	0	0	0	0	0	0	0	2	9	0
98370	1	0.17%	0	0	0	0	0	0	0	0	0	0	4	0	0
98374	1	0.17%	0	0	0	0	0	5	0	0	0	0	0	0	0
98387	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0



98391	3	0.51%	5	0	0	0	0	9	0	0	0	0	0	0	0
98404	1	0.17%	5	0	0	0	0	0	0	0	0	0	0	0	0
98407	1	0.17%	3	0	0	0	0	0	0	0	0	0	0	0	0
98408	1	0.17%	0	0	0	0	4	0	0	0	0	0	0	0	0
98424	1	0.17%	0	0	0	0	0	5	0	0	0	0	0	0	0
98445	2	0.34%	0	0	0	0	12	0	0	0	0	0	0	0	0
98465	1	0.17%	0	3	0	0	0	0	0	0	0	0	0	0	0
98467	3	0.51%	0	0	0	0	16	0	0	0	0	0	0	0	0